Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (original) A triphone preselection cost database for use in speech synthesis, the database generated according to a method comprising:
 - 1) selecting a triphone sequence $u_1 u_2 u_3$;
- 2) calculating a preselection cost for each 5-phoneme sequence $u_a u_1 u_2 u_3 u_b$, where u_2 is allowed to match any identically labeled phoneme in a database and the units u_a and u_b vary over the entire phoneme universe; and
- 3) storing a group of the selected triphone sequences exhibiting the lowest costs in a triphone preselection cost database.
- 2. (currently amended) The triphone preselection cost database of claim 1, wherein storing the group of selected sequences comprises:
- a) determining a plurality of N least cost database units for the particular 5-phoneme context;
- b) performing the union of the N least cost units for all combinations of u_a and u_b ;
- c) storing the union created in step b) 4) in a triphone preselection cost database; and
 - d) repeating steps 1) 3) for each possible triphone sequence.
- 3. (original) The triphone preselection cost database of claim 1, the method for generating the database further comprising generating a key to index each triphone in the database.

- 4. (original) The triphone preselection cost database of claim 2, wherein a plurality of fifty least costs sequences for any possible 5-phone context are stored.
- 5. (original) The triphone preselection cost database of claim 1, wherein the preselection cost is the target cost or an element of the target cost.
- 6. (original) A computer-readable medium storing a triphone preselection cost database for use in speech synthesis, the database generated according to a method comprising:
 - 1) selecting a triphone sequence $u_1 u_2 u_3$:
- 2) calculating a preselection cost for each 5-phoneme sequence $u_a u_1 u_2 u_3 u_b$, where u_2 is allowed to match any identically labeled phoneme in a database and the units u_a and u_b vary over the entire phoneme universe; and
- 3) storing a group of the selected triphone sequences exhibiting the lowest costs in a triphone preselection cost database.
- 7. (currently amended) The computer-readable medium of claim 6, wherein storing the group of selected sequences comprises:
- a) determining a plurality of N least cost database units for the particular 5-phoneme context;
- b) performing the union of the N least cost units for all combinations of u_a and u_b ;
- c) storing the union created in step b) 4) in a triphone preselection cost database; and
 - d) repeating steps 1) 3) for each possible triphone sequence.
- 8. (original) The computer-readable medium of claim 7, the method for generating the database further comprising generating a key to index each triphone in the database.
- 9. (original) The computer-readable medium of claim 7, wherein a plurality of fifty least costs sequences for any possible 5-phone context are stored.

- 10. (original) The computer-readable medium of claim 7, wherein the preselection cost is the target cost or an element of the target cost.
- 11. (original) A method of generating a triphone preselection cost database for use in speech synthesis, the method comprising:
 - 1) selecting a triphone sequence $u_1 u_2 u_3$;
- 2) calculating a preselection cost for each 5-phoneme sequence $u_a u_1 u_2 u_3 u_b$, where u_2 is allowed to match any identically labeled phoneme in a database and the units u_a and u_b vary over the entire phoneme universe; and
- 3) storing a group of the selected triphone sequences exhibiting the lowest costs in a triphone preselection cost database.
- 12. (currently amended) The method of generating a triphone preselection cost database of claim 11, wherein storing the group of selected sequences comprises:
- a) determining a plurality of N least cost database units for the particular 5-phoneme context;
- b) performing the union of the N least cost units for all combinations of u_a and u_b ;
- c) storing the union created in step b) 4) in a triphone preselection cost database; and
 - d) repeating steps 1) 3) for each possible triphone sequence.
- 13. (original) The method of generating a triphone preselection cost database of claim 11, the method for generating the database further comprising generating a key to index each triphone in the database.
- 14. (original) The method of generating a triphone preselection cost database of claim 12, wherein a plurality of fifty least costs sequences for any possible 5-phone context are stored.

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15. (original) The method of generating a triphone preselection cost database of claim 11, wherein the preselection cost is the target cost or an element of the target cost.